

61117-7 ✓ ACTIVE

MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 61117-7

Socket Contact, Gold (Au), 250 VAC, Locking Lance Contact

Retention, Discrete Wire, 20 – 14 AWG, .5 – 2.27 mm<sup>2</sup> Wire, Crimp,

Commercial MATE-N-LOK

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Gold**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

## Features

### Product Type Features

Discrete Wire Type	Stranded
--------------------	----------

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

### Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

### Contact Features

Contact Shape & Form	Round
----------------------	-------

Barrel Type	Open
-------------	------

Contact Mating Area Plating Material Thickness	.76 μm[29.92 μin]
--	-------------------

Contact Diameter	2.13 mm[.084 in]
------------------	------------------

Contact Type	Socket
--------------	--------

Contact Mating Area Plating Material	Gold (Au)
--------------------------------------	-----------

Wire Contact Termination Area Plating Material	Gold
--	------

Contact Retention Within Housing	With
----------------------------------	------



Contact Base Material	Brass
Contact Current Rating (Max)	15 A

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
---------------------------------------	---------------

### Dimensions

Compatible Insulation Diameter Range	3.3 mm [.13 in]
Wire Size	.5 – 2.27 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
-----------------------------	-----------------------------

### Operation/Application

For Multiple Crimp	No
Circuit Application	Power

### Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

## Product Compliance

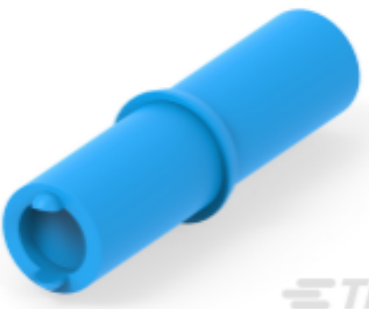




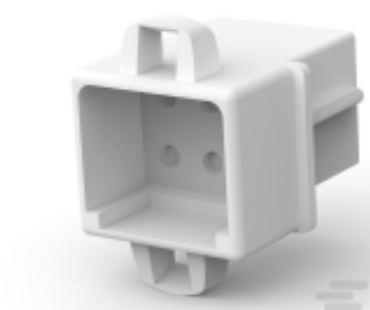
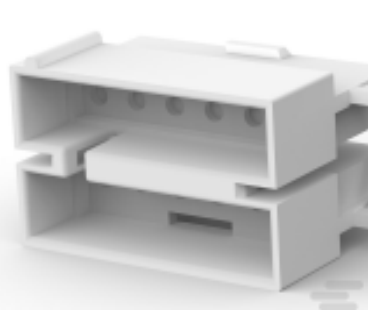


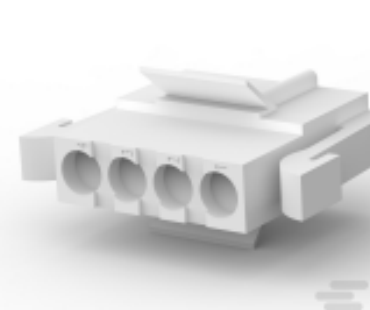
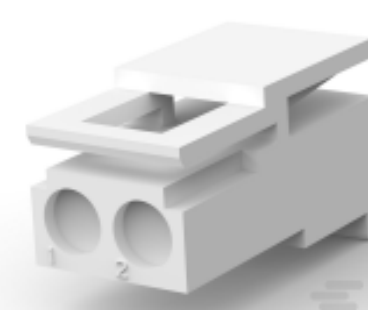

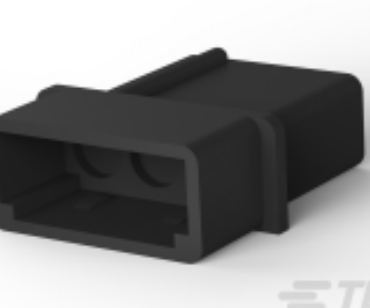


[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

## Product Compliance Disclaimer

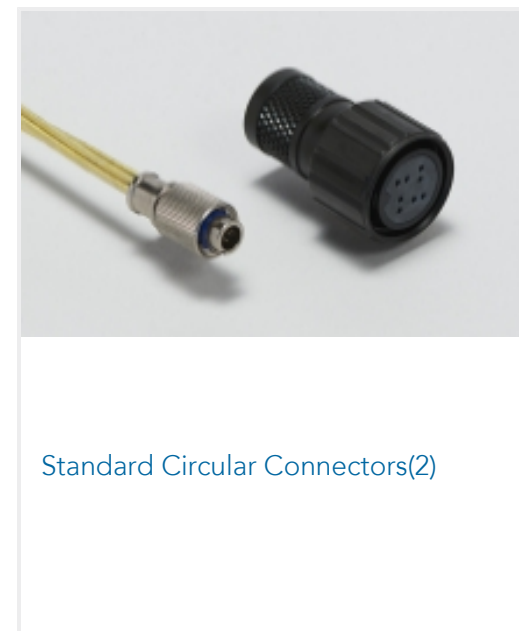
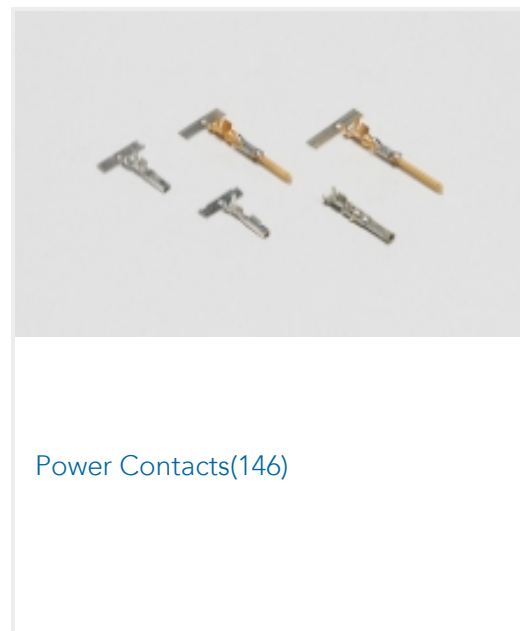
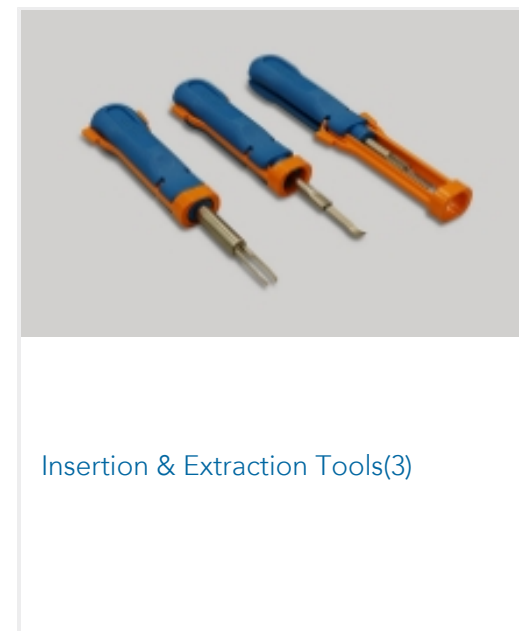
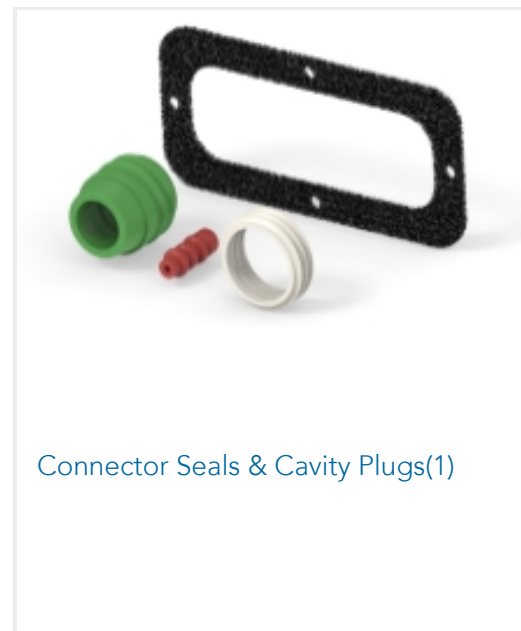
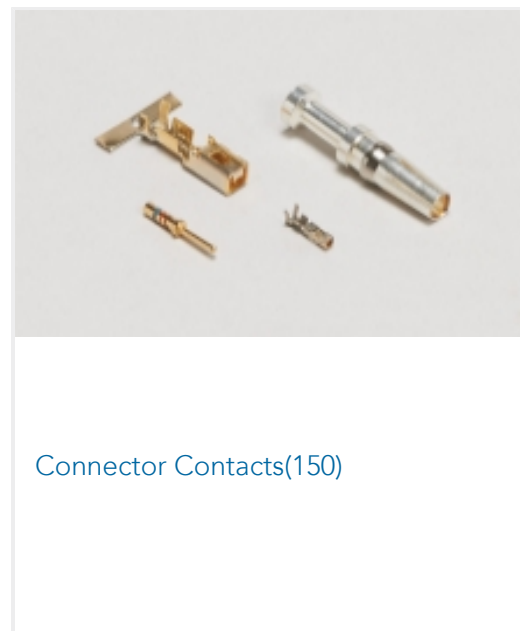
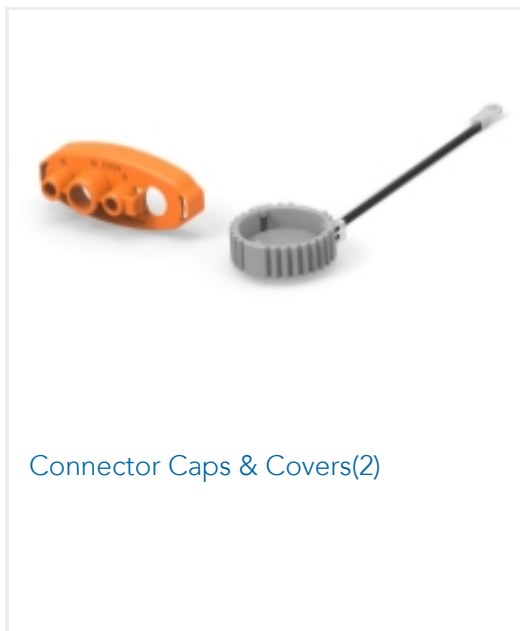
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts

 <p>TE Part # 1-480349-6 01P CMNL PLUG HSG F/H BLU</p>	 <p>TE Part # 171382-1 MNL PANEL MOUNT PLUG 6P</p>	 <p>TE Part # 171267-1 CIRCUIT HSG PLUG</p>	 <p><b>KIT</b> REPRESENTATION ONLY</p> <p>TE Part # 7-2266379-7 OC-090F130F-752-CRIMPTOOLINGKIT</p>
 <p>TE Part # 1-480351-2 01P CMNL CAP HSG RED</p>	 <p>TE Part # 1-480271-0 06P CMNL CAP HSG M/M NATL</p>	 <p>TE Part # 1-480276-0 06P CMNL CAP HSG P/M NATL</p>	 <p>TE Part # 1-480288-0 12P CMNL CAP HSG M/M NATL</p>
 <p>TE Part # 1-480388-0 03P CMNL PLUG HSG F/H BLK</p>	 <p>TE Part # 1-480393-1 02P CMNL PLUG HSG F/H BLK</p>	 <p>TE Part # 1-480425-0 04P CMNL PLUG HSG P/M NATL</p>	 <p>TE Part # 1-480720-0 02P CMNL PLUG HSG W/LOK NATL</p>
 <p>TE Part # 1-480319-9 02P CMNL CAP HSG F/H BLK</p>	 <p>TE Part # 1-480305-9 03P CMNL CAP HSG F/H BLK</p>	 <p>TE Part # 1-480438-0 16P CMNL PLUG HSG M/M NATL</p>	 <p>TE Part # 1-480498-1 02P CMNL CAP HSG F/H BLK</p>



## Also in the Series | Commercial MATE-N-LOK



## Customers Also Bought





## Documents

### Product Drawings

[CMNL SOK 20-14 AUBR](#)

English

### CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_61117-7\\_AC.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_61117-7\\_AC.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_61117-7\\_AC.3d\\_stp.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_61117-7\\_BJ.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_61117-7\\_BJ.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_61117-7\\_BJ.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

English

### Product Specifications

[Application Specification](#)

English

61117-7

Socket Contact, Gold (Au), 250 VAC, Locking Lance Contact Retention, Discrete Wire,  
20 – 14 AWG, .5 – 2.27 mm<sup>2</sup> Wire, Crimp, Commercial MATE-N-LOK

